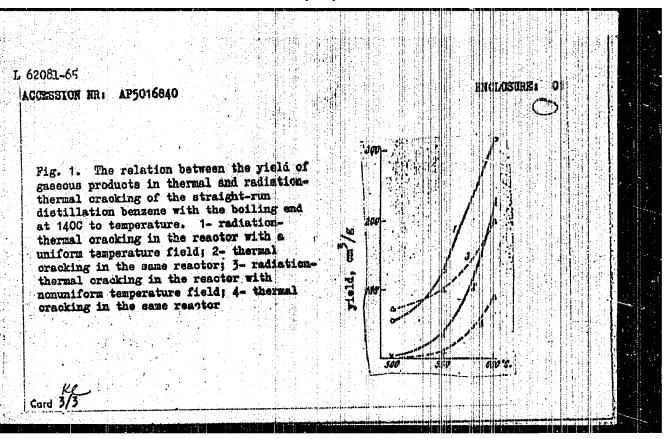


(Institu	te of Physical	Chemistry.	AV SSSR)				
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Cara 2/3							



TSVETAYEVA, Ye.M.; GLISHNEV, V.Ye.

Methods of synthesis and modification of softeners for reflect reclaiming. Kauch. i rez. 24 no.11:19-22 '65. (MISV 19::

1. Nauchno-issledovatel'skiy institut shinnoy promyspiennestl i Institut neftekhimicheskogo sinteza AN SSSR.

\$/035/62/000/001/004/033 A001/A101

AUTHOR:

Glushneva, I N.

TITLE:

On determining the sizes of particles participating in the produc-

tion of scattered light

PERIODICAL. Referativnyy zhurnal. Astronomiya i Geodeziya, no. 1, 1962, 29.

abstract 1A272 ("Soobshen, Gos. astron, In-ta im. F. K. Shternberga",

1960, no. 107, 16-22)

The author analyzes scattering of light in a cloud of small particles, TEXT: the size distribution of them being expressed by a prescribed function. An approximate method has been proposed for determining dimensions of particles with the greatest contribution to scattering.

[Abstracter's note: Complete translation]

Card 1/i

ACCESSION NR: AP3004323

Card 1/2

\$/0033/63/040/004/0678/0681

AUTHOR: Alduseva, V. Ya., Glushneva, I. N.

TITLE: Emission lines of the Beta Lyr envelope in the ultraviolet spectral region

SOURCE: Astronomicheskiy zhurnal, v. 40, no. 4, 1963, 678-681

TOPIC TAGS: Beta Lyr, Beta Lyr envelope, envelope, emission line, ultraviolet spectral region, He I, Lagrange point, second Lagrange point, optical thickness, ionized titanium, gas flow

ABSTRACT: Altogether 45 spectrograms have been obtained of β Lyr with the slitless ASI-5 spectrograph counted at the High Altitude Station of the Gosudarstvenny*yastronomicheskiy institut im. Shternberga (State Astronomical Institute). The station is located near Alma-Ata at a height of 3000 meters. The emission lines of neutral helium and ionized titanium of the β Lyr envelope in the investigated spectral region $\lambda\lambda3600-3000$ are identified. The equivalent widths of emission line He I 3188 A, reduced to the continuum at maximum brightness, are determined at different phases of the eclipse. An intensity increase

ACCESSION NR: AP3004323

of the line at principal and secondary minimum is noted. The increase at secondary minimum is connected with the flow of gas from the envelope of the envelope of the system near the second Lagrange point L2. The results are compared to observations of other authors of He 1 3889 A, belonging to the same triplet. The intensity increase of λ 3188 Å at secondary minimum and the absence of an increase of 3889 A at this same phase is explained by different optical thicknesses in the center of the line (τ ~ 10 for λ 3889 A and τ " 5 for λ 3188), which leads to the effective formation of these lines in different layers of the envelope. Orig. art. has: 1 figure and 1 table.

ASSOCIATION: Gos. astronomicheskiy in-t im. P. K. Shternberga (State

Astronomical Institute)

SUBMITTED: 07Ju162

DATE ACQ: 20Aug63

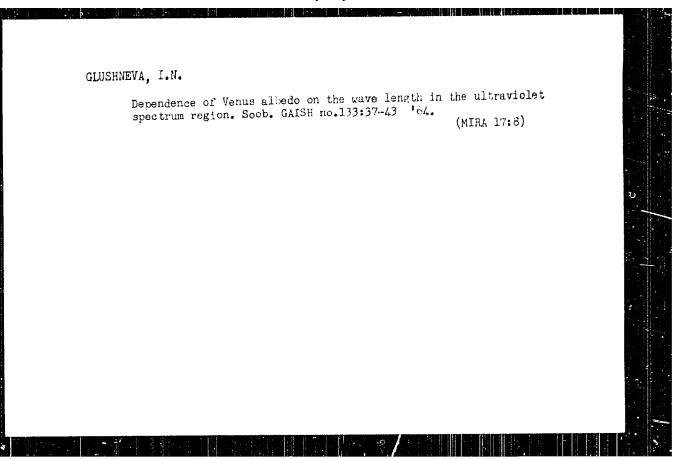
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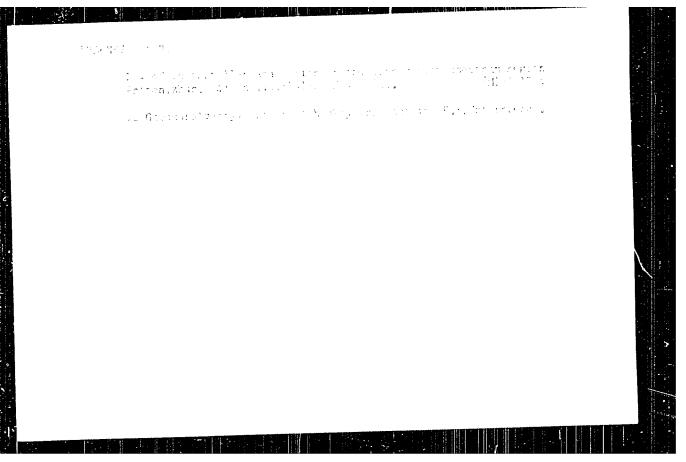
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NO REF. SOV: 002

OTHER 007

Card 2/2





GLUSHNEVA, I.N.

Spectrophotometry of some hot stars in ultraviolet. Astron.zhur.
41 no.2:212-222 Mr-Ap '64. (MIRA 17:4)

1. Gosudarstvennyy astronomicheskiy institut im. P.K.Shternberga.

ACCESSION NR: AP4043958

S/0033/64/041/004/0720/0723

AUTHOR: Glushneva, I, N,

TITLE: Dependence of the albedo of Venus and Jupiter on wavelength in the ultraviolet

region of the spectrum

SOURCE: Astronomichesky zhurnal, v. 41, no. 4, 1964, 720-723

TOPIC TAGS: Venus, Jupiter, spectrograph, planetary albedo, ultraviolet spectral

region

ABSTRACT: The expendence of the albedo of Venus and Jupiter on wavelength in the ultra colet region of the spectrum (4500-3200 A) was investigated in Jan. - Feb. 1963 using the ASI-5 slitless spectrograph of the Vy*sokogornaya stantsiya GAISh (High-Mountain Station of the State Astronomical Institute) near Alma-Ata at an elevation of 3,000 m. The dispersion at H\gamma\text{was }150 A/mm and at 3000 A was 50 A/mm. On seven nights 30 spectrograms of Venus were obtained and on four nights 10 spectrograms of Jupiter were obtained. The comparison stars were Lyr and \(\squamble UMa\). The spectra of the planets and comparison stars were photographed with an exposure of 1 minute on Astro-Platten plates. Fig. 1 of the Enclosure shows the dependence of the albedo of Venus and Jupiter on wavelength. The albedo of Venus decreases slightly with a decrease of wave-

Card 1/3

APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515430003-0"

ACCESSION NR: AP4043958

length; near 3500 A and 4100 A there are two minima. In the interval 4500-3700 A the albedo of Venus decreases by a factor of 1.3. The dependence of the Venusian albedo on wavelength is in good agreement with the results of photometric measurements of the brightness of Venus in the U, B, V system. The variation of the Venusian albedo contradicts Kozy*rev's data (N. A. Kozy*rev, Izv. Kry*msk. astrofiz. obs., 12, 177, 1954). Kozy*rev found that in the range of wavelengths from 4500 to 3800 A the Venusian albedo decreases by a factor of 4, whereas in the region 6500-4500 A it decreases only by a factor of 1.5. The curve of the albedo of Jupiter in the considered range of wavelengths differs from that of Venus. The albedo minimum at 4100 A is lacking for Jupiter. At 3900 A the albedo begins to decrease and in the interval 3900-3500 A it decreases by a factor of 1.5. At 3500 A the Jovian albedo has a minimum; with a further decrease in wavelength the albedo begins to increase. Orig. art. has: 2 formulas, 1 figure and 1 table.

ASSOCIATION: Gosudarstvenny*y astronomicheskiy institut imeni P. K. Shternberga (State Astronomical Institute)

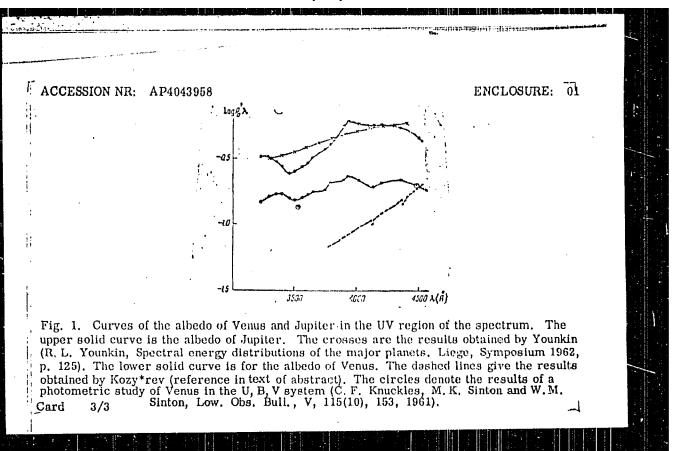
SUBMITTED: 11Oct63

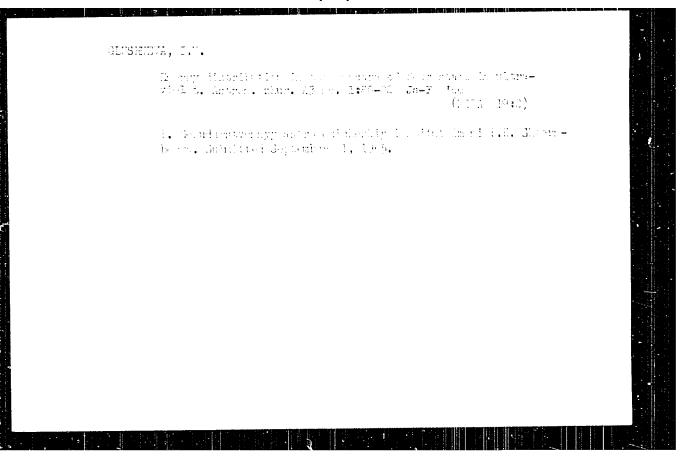
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NO REF SOV: 004

ENCL: 01

OTHER: 004





L 22669-66 EWT(1) GW ACC NR: AP6006775

SOURCE CODE: UR/CO33/65/0h3/CO1/0080/CO82

AUTHOR: Glushneva, I. N.

ORG: State Astronomical Institute im. P. K. Shternberg (Gos. astronomicheskiy in-t)

TITLE: The ultraviolet spectral energy distribution of four stars

SOURCE: Astronomicheskiy zhurnal, v. h3, no. 1, 1966, 80-82

TOPIC TAGS: spectral energy distribution, star, UV spectroscopy, spectrophotometry/ASI-5 spectrograph

ABSTRACT: This work is a continuation of previous spectrophotometric investigations of stars of early spectral classes in order to determine the energy distribution in their spectra in absolute energy units. Spectrograms of four stars (SAri, 3 Tau, YUMa, and γ UMa) were obtained with a non-slit ASI-5 spectrograph at the high-altitude expedition station of the Sternberg Astronomical Institute in the vicinity of Alma Ata (3000 m). Observations were made in June-August 1964. The telescope had a 250-mm mirror. Dispersion at the Hy line was 150 Å/mm; at

Card 1/2

UDC: 523.87

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KOROBKINA, G., kand.tekhn.nauk, nauchnyy sotrudnik; GLUSHNEYA, Z., inzh.tekhnolgo

Diet in arteriosclerosis. Obshchestv.pit. no.1:49 Ja '60.
(MIRA 13:5)

1. Institut pitaniya AMN SSSR (for Korobkin).
(Diet in disease) (Arteriosclerosis)

KOROBKINA, G., nauchnyy sotrudnik; GLUSHNEVA, Z., inzh.-tekhnolog

Diet in arteriosclerosis. Obshchestv.pit. no.2:48-50 F '60.

(MIRA 13:6)

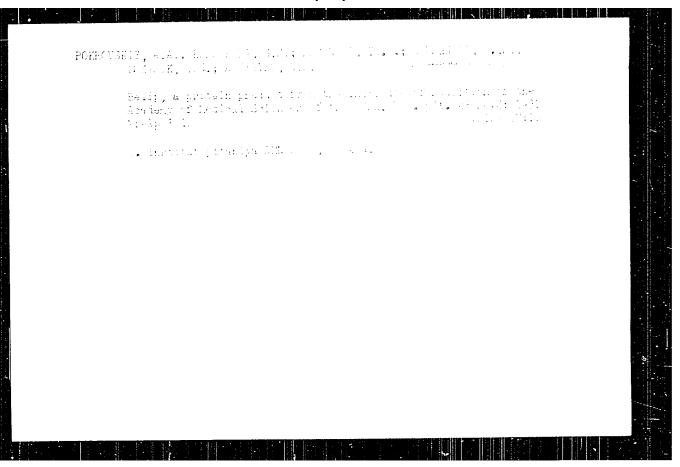
1. Institut pitaniya AMI SSSR (for Korobkina).

(DIET IN DISEASE)

KOROBKINA, G.S.; NEMENOVA, Yu.M.: PARAMONOVA, E.G.; GVOZDOVA, L.G. GLUSHNEVA, Z. Ya.

Effect of diets of different qualitative composition on the clinical course of disease and lipid metabolism in patients with coronary atherosclerosis. Vop.pit. 22 no.1:17-22 Ja-F'63 (MIRA 16:11)

1. Iz Instituta pitaniya AMN SSSR, Moskva.



KOROBKINA, G.S.; NEMENOVA, YE.M.; FALAMONETA, E.G.; GYCTIKETA, L.G.; KALININA, N.N.; GIUSHUEVA, T.Ya.; TUMARKINA, T.I.; MIREE, M.L.

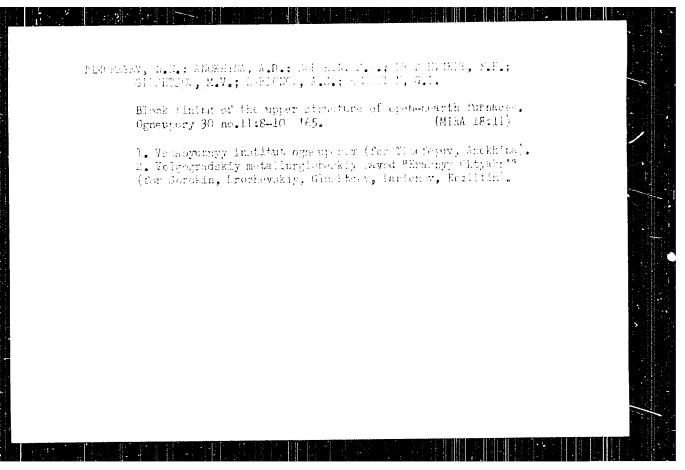
4 /

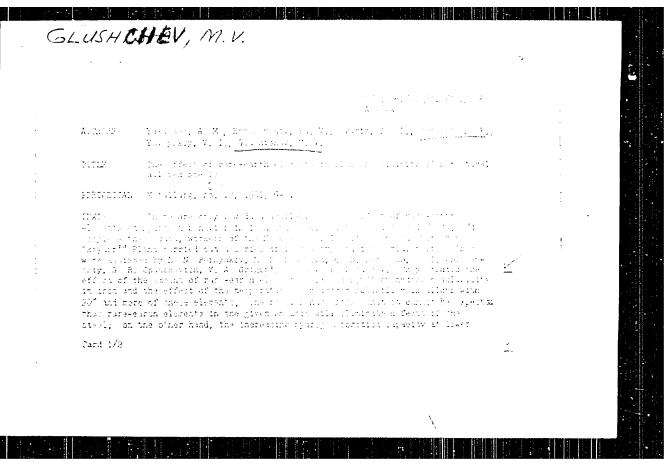
Effect of a phosphatide-enriched diet on cholesterol metabolism in patients with a history of myocardial infarct. Vop. pit. 23 no.2: 49-53 Mr-Ap 164. (MIRA 17:10)

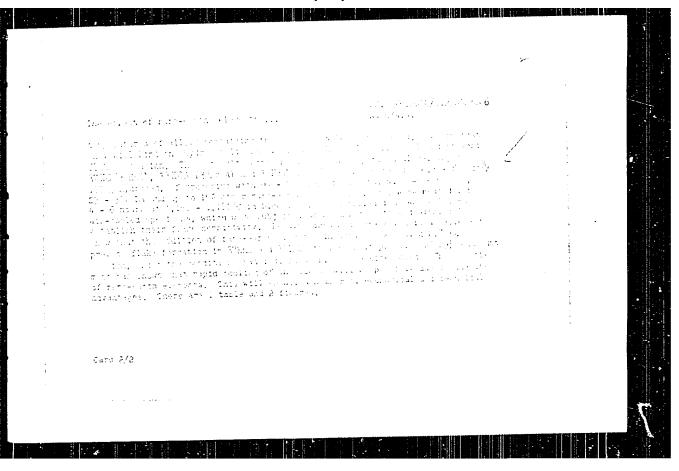
1. Iz serdechno-sosudistoro otdeleniya kliniki lechebnogo pitaniya (zav. - doktor med. nauk V.P. Jokolovskiy), otdela tekhnologii (zav. - prof. D.I. Lobanov) i otdela fiziologii (zav. - chlen-korrespondent AMI SUSE prof. O.F. Molchanova) Instituta pitaniya AMN SSSE, Moskva.

HUBRIN, V.A.; OYES, G.M.; BORCKIN, S.P.; MICHELLY, YULM.; GLUSHUSCY, MAVA; MAM, B.P.; LAPSHOVA, M.P.; YULGCU, A.A.; PETHANKE, C.D.; ADRIANCVA, V.P.

Smelting high-grade steel in open-hearth furnaces fired with natural gas. Stal' 20 no. 7:599-602 Jl '60. (MIRA 14:5) (Open-hearth furnaces--Equipment and supplies)







GLUSKER, B. and KRYLOV, P.

"The System of National Economic Plan Indexes," Planovoye Khozyayutvo, No 5, pp. 76-86, Moscow, 1954

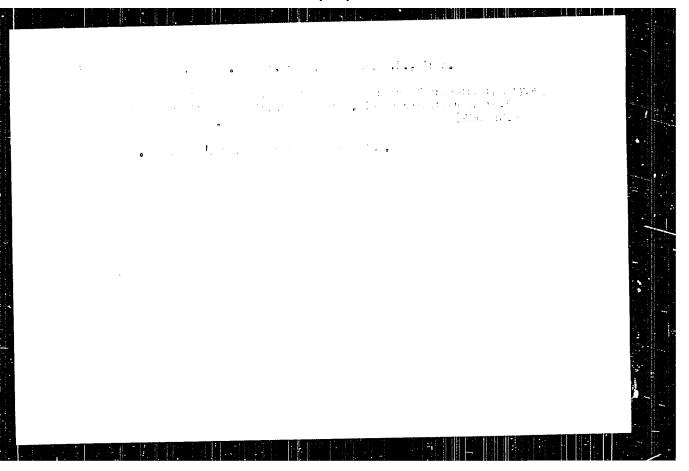
Translation No 395, h May 55

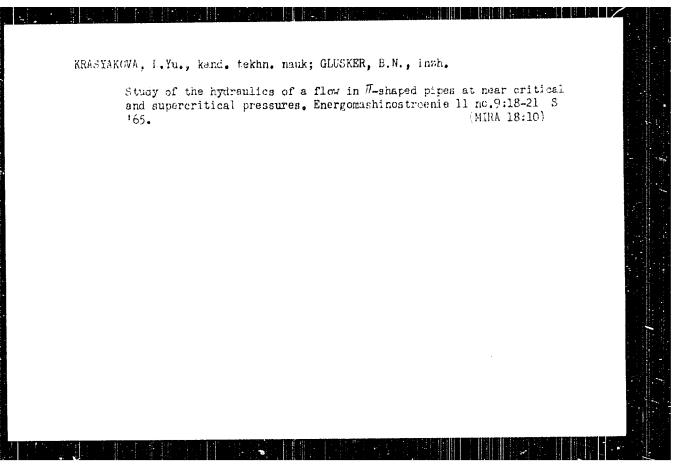
KRASYAKOVA, L.Yu., kand. tekhn. nauk; GLUSKEE, B.N., imah.

Stability of a flow in U-shaped panels of once-through-type bollers. Teploenergetika 10 no.11:41-46 N '63.

(MIRA 17:1)

1. TSentral'nyy kotloturbinnyy institut.





CHADAYEV, Yakov Yermolayevich; GLUSKER, B.Ya., red.; KONIKOV, L.A., red.;
PONOMAREVA, A.A., tekhn.red.

[Problems in planning the national sconomy] Voprosy planirovaniia narodnogo khoziaistva. Moskva, Gosplanizdat, 1961. 176 p.

(MIRA 14:6)

1. Zamestitel' predsedatelya Gosplana RSFSR (for Chadayev).

(Russia—Economic policy)

GLUSKER, Boris Yakovlevich; HOZOVSKIY, L.Ya., red.; MISHEAYEVSKAYA, G.V., mlodshiy red.; GERASISTVA, Ye.S., tekhn. rad.

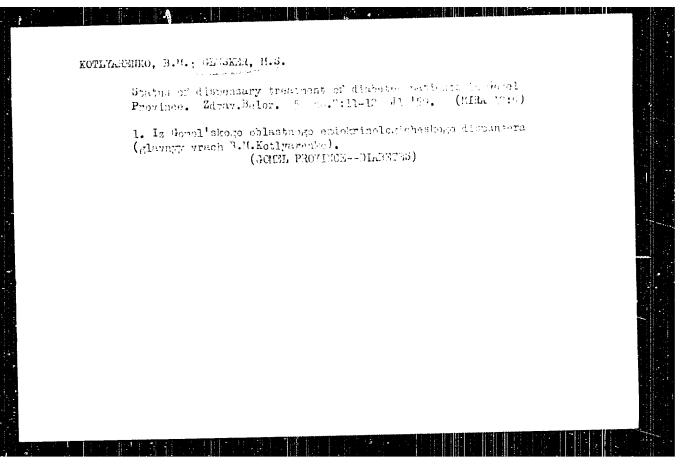
[Mathodology for computing plan indices; problems of improving the index system] Metodologiia postroeniia pokazatelei plana; veprosy sovershenstvovaniia sistery pokazatelei. Moskva, Ekonomizdai, 1963. 149 p. (MIRA 17:1)

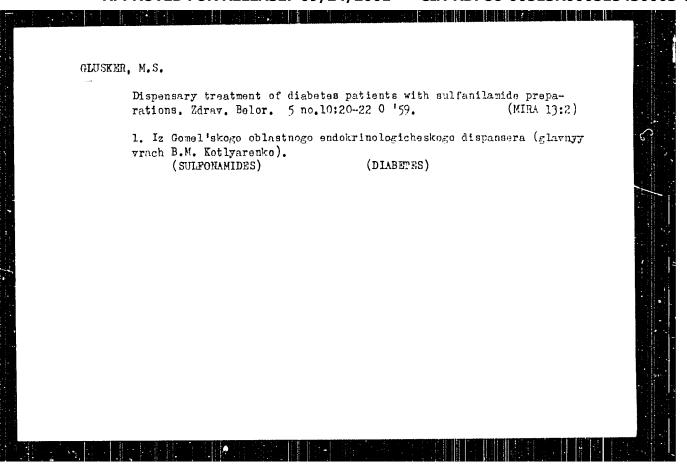
OLUSKER, Il'ya Yakovlevich; MARUILOV, Lev Aleksandrovich; YAKOVLEV, K.F., red.; KOZHEMYAKINA, V.P., tekhn.red.

[The Yaroslavl Economic Region] IAroslavskii ekonomicheskii raion.
IAroslavl', IAroslavskoe knizhnoe izd-vo, 1958. 52 p.

(MIRA 13:3)

(Yaroslavl Province--Industries)





KOTLYARENKO, B.M.; GLUSKER, M.S. (Gomel')

Case of acromegaly with manifestations of vililiam and diabetes insipidum for 32 years with preservation of the menstrual cycle for 38 years. Frobl.endok,i gorm. 5 no.6:110-111 N-D '59.

1. Iz Gomel'skogo oblastnogo protivozobnogo dispansera (glavnyy vrach B.M. Kotlyarenko).

(ACROMEGALY case reports)

(VIRILISM case reports)

(DIABETES INSIPIDUS case reports)

(MENSTHUATION)

KOTLYARENKO, B.M.; GLUSKER, M.S.

Work of the polyclinical department of the Gomel' Province Goiter Prevention Dispensary in 1957-1958. Zdrav, Belor. 6 no. 10:30-32 0 '60. (MIRA 13:10)

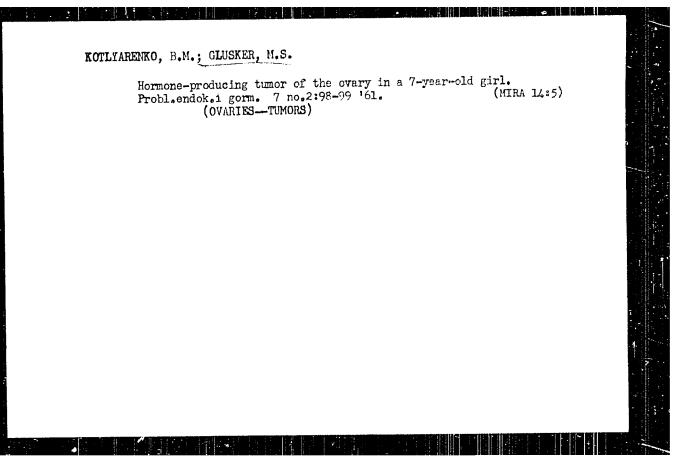
1. Iz Gomel'skogo oblactnogo protivozobnogo dispansera (glavnyy vrach B.M. Kotlyarenko). (GOMEL' PROVINCE—GOITER)

MAL'TSEVA, A.A.; GLUSKER, M.S., vrach-endokrinolog

Diabetic coma. Zdrav. Bel. 7 no. 2:53-54 F '61. (MIEA 14:2)

1. Zaveduyushchaya terapevticheskin edeleniyem Khoynikskoy rayonnoy bol'nitsy (for Mal'tseva). 2. Gomel'skiy oblantnoy protivezobnyy dispanser (for Glusker).

(DIABETES)



KOTLYAMENKO, B.M., wrach; GLUSKER, M.S., wrach; TAMARKIN, I.D., wrach;
KRASOVSKIY, V.A., wrach

Results of a house-to-house study of the population for goiter incidence.
Zdraw. Bel. 7 no.9:63-64 S '61.

1. Iz Gomel'skogo oblastnogo protivozobnogo dispansera (for Kotlyarenko,
Glusker, Tamarkin). 2. Respublikanskiy protivozobnyy dispanser,
Belorussiya (for Krasovskiy).

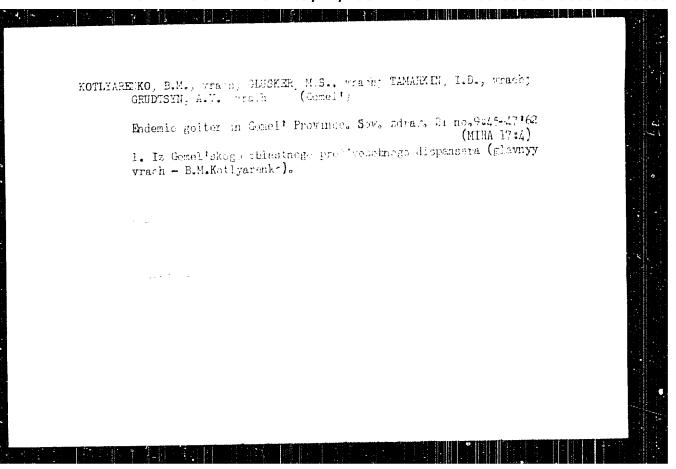
(GOMEL' PROVINCE...GOITER)

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KOZLOV, N.P.; GLUSKER, M.S.; MBERGAR, B.L.

Golter of large dimensions in a stillborn child. Edray. bel.
8 na.1:64, Ja :62. (MRR 15:3)

1. Iz Lel'chitakov rayanney bel'nitsy (glavnyy wrach MLF.

Kozlov). (GGITER)
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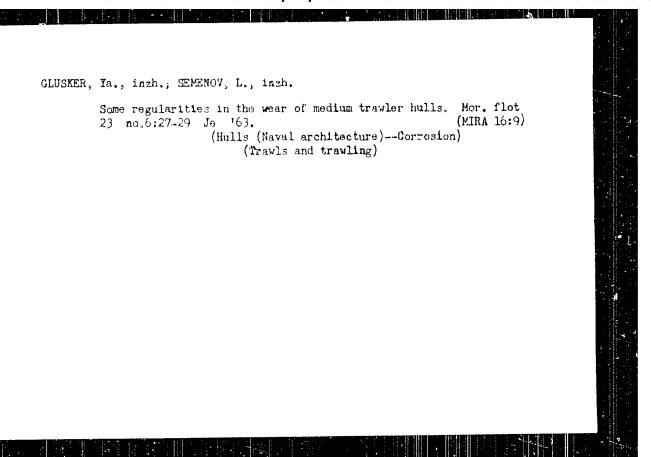
Glinicopathoanatomical characteristics of a case of strongyloidosis.

Med.paraz. i paraz.bol. 25 no.4:305-308 O-D *56. (MLMA 10:1)

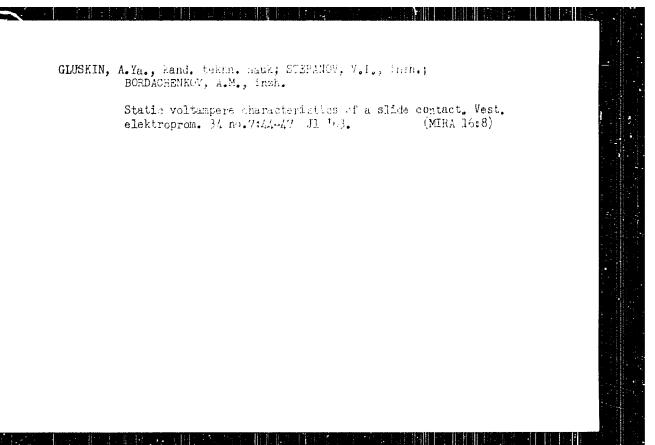
1. Iz terapevticheskogo otdeleniya (zav. Ye.S.Brusilovskiy) i patologo-anatomicheskogo otdeleniya (zav. M.V.Aref'yeva, konsul'tant - prof.

M.K.Dal') Dorozhoy bol'nitsy No. 2 Yugo-zapadnoy zheleznoi dorogi (nachal'nit bol'nitsy C.Zubkov)

(STRONGYLOIDIASIS, case rogorts,
clin. sspects & histopathol. (Rus))



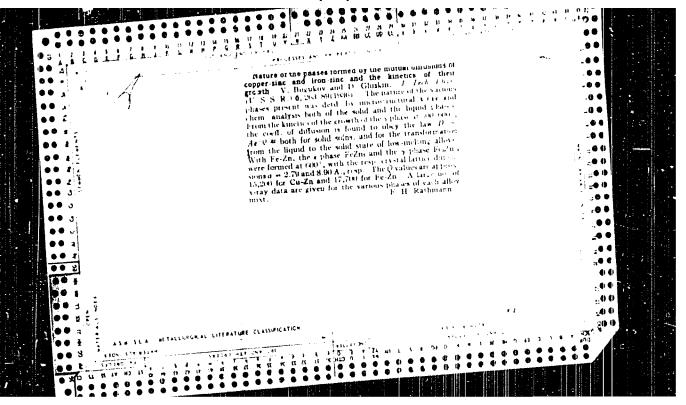


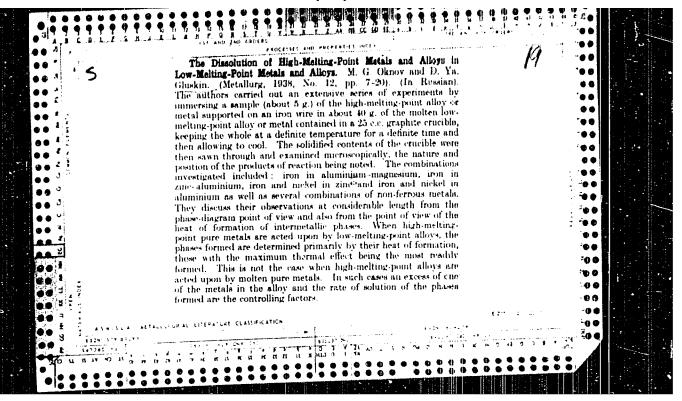


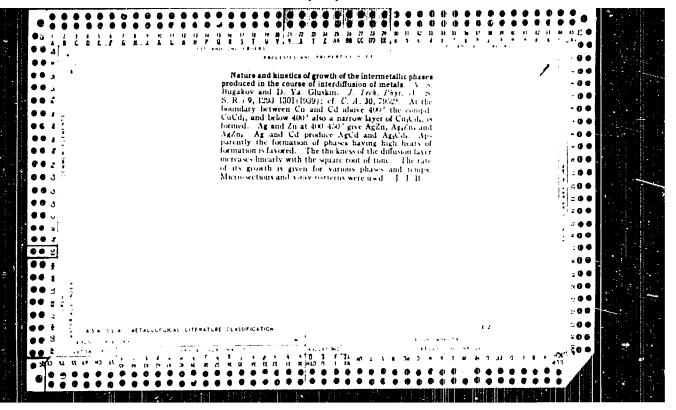
GLUSKIN, A.Ya., kand.texhn.nauk; BOTPACHENKOV, A.M., inzh.; STEPANCY,
V.P., inzh.

Performance of the brush cont ct of electrical machines at increased current densities. Elektrotekhnika 34 no.9:20-25 S 163.

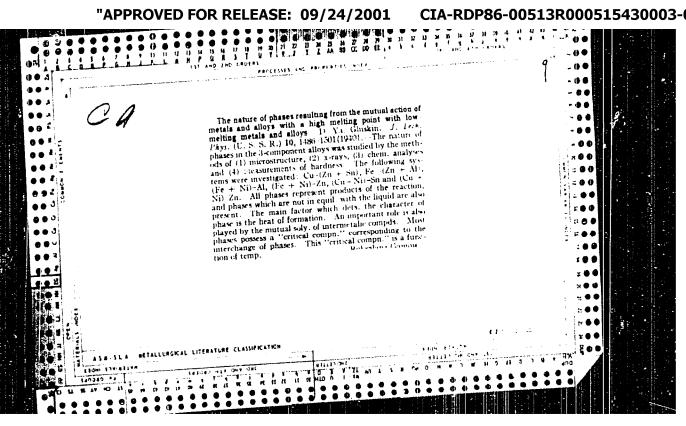
(MIRA 16:13)

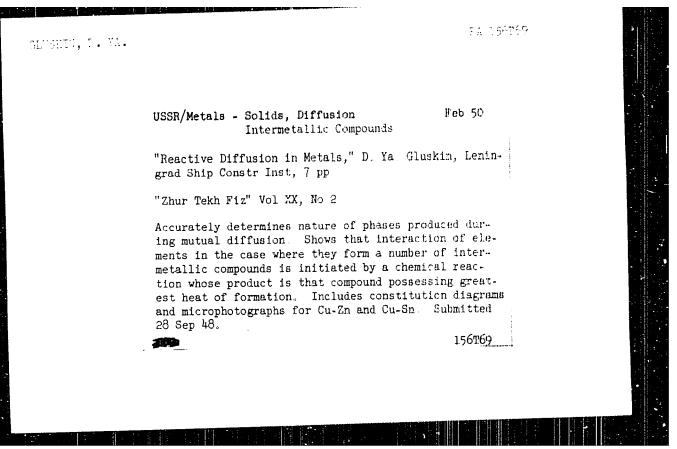






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\$/137/61/000/001/022/043 A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1961, No. 1, p. 10, # 1E75

AUTHORS:

Bel'chuk, G.A., Gluskin, D.Ya., Pedorov, N.A.

TITLE:

On the Problem of Welding Aluminum and Its Alloys With Steel

PERIODICAL:

"Tr. Leningr. korablestroit. in-ta", 1959, No. 29, p. 257

TEXT: Information is given on experimental argon-arc building-up and welding of Al and its alloys (AMG-6T) type) with steel on whose surface a 0.1 mm thick Al, 0.04 mm thick Zr or 0.02 - 0.05 mm thick Ni layer had been previously applied. The following welding technology is recommended: an Al layer is applied on the steel surface by "allitization" (allitirovanive) or a Zn layer by hot zincing. On this surface a 20 - 25 mm wide Al layer is welded (3 - 4 beads); then Al or its alloys are welded on the built-up layer by any type of Joint. The average tensile or shearing strength of a welded Joint is 9-11 kg/mm² at an Al-coating and 4-8 kg/mm² at a 7n-coating. The strength of the joint is reduced when welding without preliminary building-up.

Translator's note: This is the full translation of the original Russian abstract. Card 1/1

3/129/61/000/003/006/011 E073/E335

Gruskin D in. Condidate of Te bridge Seconder AUTHOR:

Influence of Preliminary Chemical Heat creatment TITLE

of Iron and Steel on the Interaction with Liquid

Zint

Meta, boyaden. . . i termicheskaja obrabotka PERIODICAL metallev 1961 No. 3 pp. 35 - 40

The work was arrived out for the purpose of studying the possibilities of reducing the solubility of iron and steel in liquid zint since the problem is important from the point of view of manufacturing housing son. Learner sourpment, In the experiments of an and steel were saturated with Cr and Si for the purpose of scadyeng their integence on the interaction between from and effect and liqued cont. Pure from and steel with 0 % 0 5 and 1.8 C and summerically pure (99%) Zn were used. Specimens from a diameter and 20 mm long were produced from the prin and a second Diffusion hiomising of the specimens was in a mixture containing Time acw carbon ferry, bromaum (70% Cr) 2:% if mirrow exists and 4% ammonium

Card 174

5/129/61/000/005/006/011 E073/E333

thloride. Saturation with SI was by means of a mixture tontaining 71% ferrosiliton (90% SI), 35% aluminary oxide and 4% ammonium thlorid. For investigating the influence of pure thromium on the interaction of thron and steel with motten zint. Some specimens were subject to electrolytic chromising. Coating for Edicility & (S.)) 0.02 to 0.28 mm thick were obtained. Interaction with 14quid zinc was studied for these specimens as well as for specimens without preliminary them; all hear treatment. For this purpose zinc was melted in a portelain trutible and into the motten zint specimens wetted with zinc thloride were demorged (both temperature 500 °C) for durations of 2 to 10 hours. It was found that for all the specimens the sclubility of the metal in the liquid zinc increases with increases contenation time. In the lase of a 10-hour task remark which it the file, diffusion

layer on the from surface was 0.3 mm and on the surface of the steel ye 2σ (0.08) at was 2 mm. Then by the cross section of the societies decreased by a 5σ (thromised from and steel dessolved in winton a same far manner to

Card 2/4

Influence of ,

8/129/61/000/003/006/011 E075/E353

Influence of

nonchromised steel. The following conclusions are arrived at (1) during interaction of commercial from and steel with liquid zinc (the solubility of the rotal in taquid zinc increases with increasing Carbon content.

- 2) Preliminiary silicon rementation increases the solubility of iron and steel in liquid zinc the higher the carbon content the more will silicon demonstration reduce the resistance-to-dissolution.
- 5) Diffusion chromising of iron and steel (0.3% C) dees not ensure protection against discolution in liquid zine and diffusion chromating steel with 0.5 and to C increases the resistance of the steel to dissellation in liquid zine. In steel with 0.5% C individual feel of dissellation can be observed after soaking for a long time to liquid zine, however, in steel with 0.5% C individual feel of dissellation were observed, even after ling periods of scaking
- 4) The diffuse thromium had an equive at effect on steel specimens submerged in liquid air and this is attributed to the unequal chemical composition of curring in the chromising

Card 5/4

Influence of	5/129/61/000/005/006/011 E073/E335
phases. 5) Electrolytic chrom protection from the et There are 3 figures 4 1 non-Soviet.	ising of iron and steel does not ensure feat of liquid zine. table- and 2 references - 2 Souret and
ASSOCIATION Leningra	odskiv korablestreiv:1-nvy institut ad Shipburlding Institur;)

BEL'CHUK, S.A.; GLUSKIN, D.Ya.; FEDOROV, N.A.

Welding aluminum and its alloys to steel. Truly LKI no.34:
15-22 '61. (HRA 15:3)

1. hafedra swarki sudovykh konstruktsiy Leningradskogo korablestroitel'nogo instituta (for Sel'enuk). 2. Kaledra metallovedenlya Leningradskogo korablestroitel'nogo instituta (for Gluskin).

(Aluminum--Welding) 'Steel--Welding)

(Aluminum--Welding)

GLUSKIN, Elya Yakovlevich; POLYAKOV, Mikolay Viktorovich; TROYNIN,
Mitrofan Fedorovich; USHAKOV, Mikolay Nikolayevich; USHAKOV,
Mikolay Stepanovich; SEVERNYAN, R.M., inzh., retsemment;
MEFEDOV, P.K., inzh., red.; YURKEVICH, M.P., red.izd-wa;
POL'SKAYA, R.G., tekhn.red.

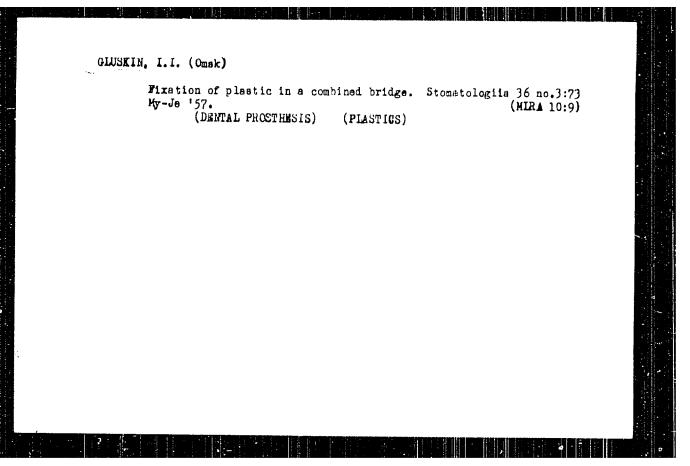
[Over-all mechanization and automation of internal transportation
in instrument plants] Kompleksmaia mekhanizatelia i avtomatisatelia
vmmtrizavodskogo transporta v priborostroenii. By H.IA.Gluskin
i dr. Moskva, Mashgiz, 1961. 326 p. (MELA 14:12)

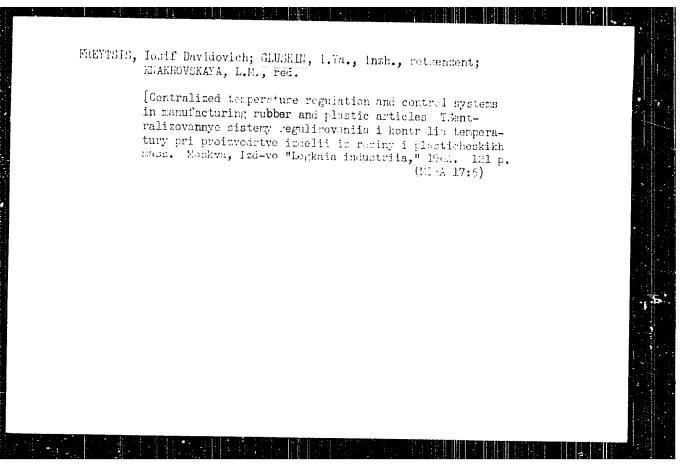
(Instrument industry) (Automation)

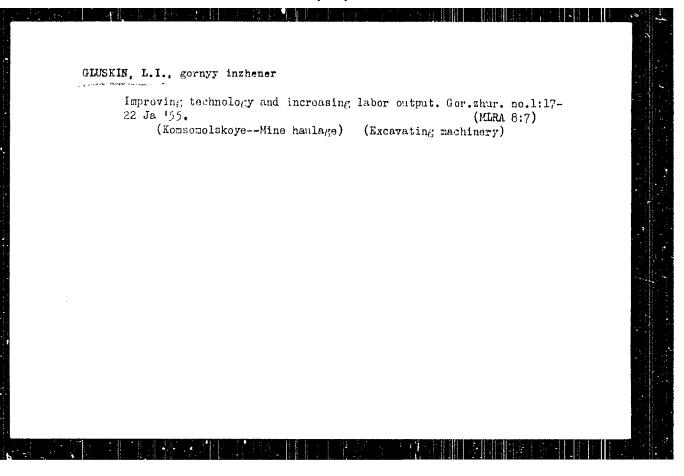
(Conveying machinery)

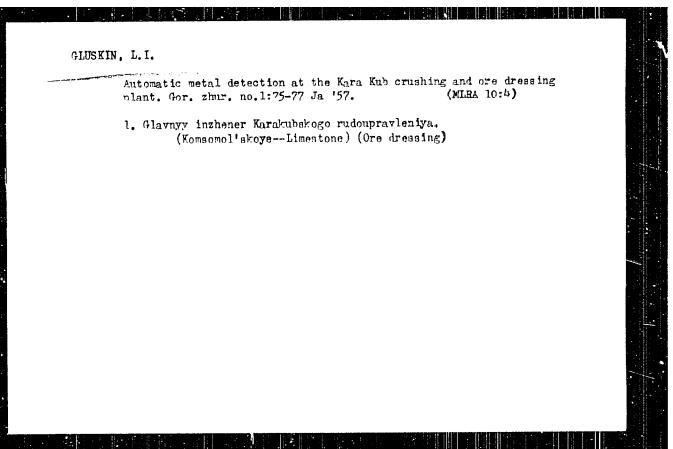
GLUSKIN, E.Ya.; FOLYAKOV, R.V.; TROYMIN, h.F.; USSAROV, N.S.;
NEFFECT, P.K., inzh., red.

[Overell mechanization and automation of intraplant transportation in instrument plants] Kom; bekarais mechanization in instrument plants] Kom; bekarais mechanization in instrument plants of transportation in automatization with invariation transportation problems in a service of transportation problems in a service of transportation in the service of transportation in









CHIGHIN 1

SUBJECT:

USSR/Mining

127-10-22/24

AUTHOR:

Gluskin, L.I., Engineer

TITLE:

Improvement of Water Supply for Percussive-Rope Boring Machines (Ratsionalizatsiya snabzheniya vodoy stankov udarno-

kanatnogo bureniya)

PERIODICAL: Gornyy Zhurnal, 1957, # 10, p 77 (USSR)

ABSTRACT:

In the Karakub Mining Administration, the water consumption amounts to 25 to 65 liters per meter of wore hole for blasting operations. The total consumption is on the average 18 cu m

per shift.

It was found out that the most expedient method of water supply was to bore special water wells. One or two of these wells were needed to ensure the water supply for a 300 m long, section

of the open mine.

A portable installation for water delivery by gravity to the bore holes was designed and constructed in the mine. Its weight is 2.5 tons and it is snifted by means of a bulldozer.

Card 1/2

Comparing various water supply methods, the author concludes

127-10-22/24

TITLE:

Improvement of Water Supply for Percussive-Rope Boring Machines (Ratsionalizatsiya snabzheniya vodoy stankov udarno-kanatnogo bureniya)

that the method described is the most advantageous and reliable for operation under any weather conditions.

The article contains 1 figure. No references are cited.

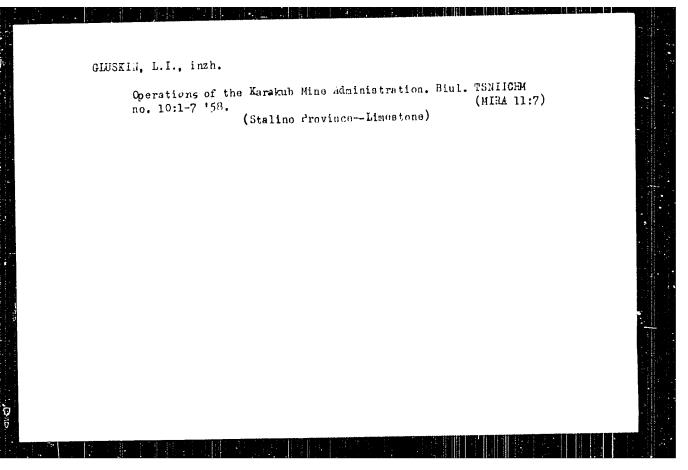
ASSOCIATION: Karakub Mining Administration (Karakubskiy rudoupravleniye)

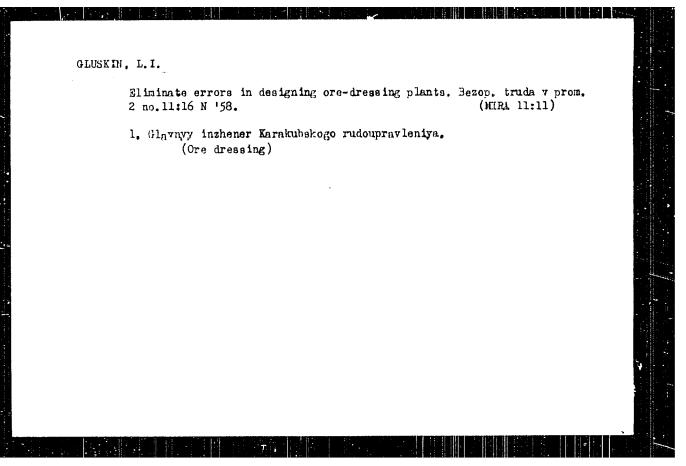
PRESENTED BY:

SUBMITTED: No date indicated

AVAILABLE: At the Library of Congress

Card 2/2

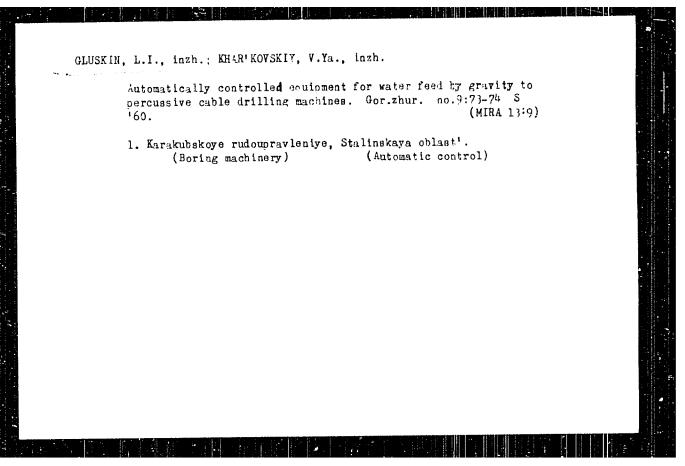


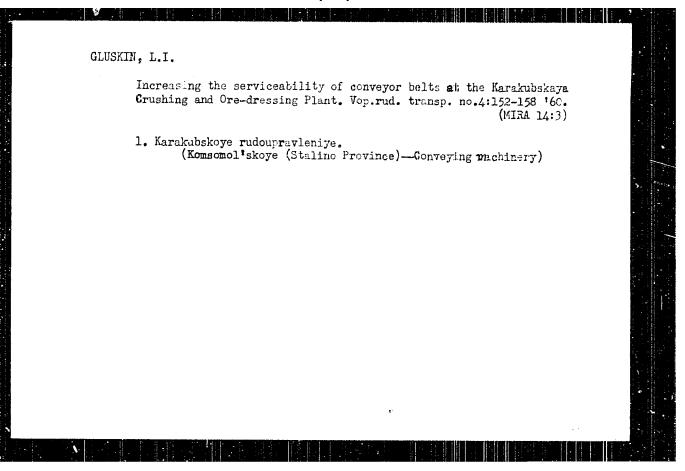


GLUSKIN, L.I.

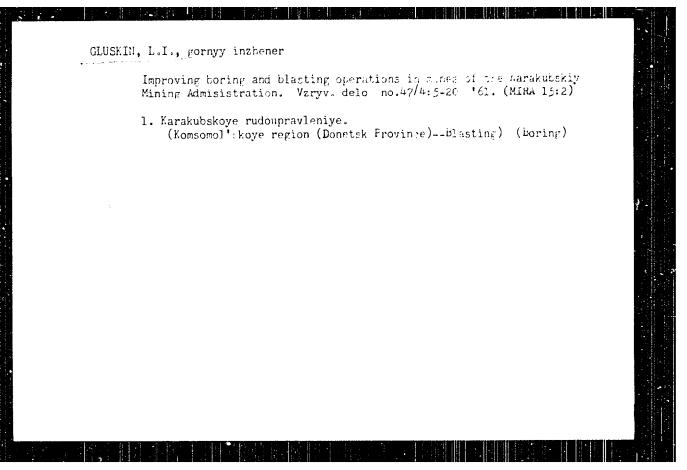
Mechanization of charging operations in blasting. Ugol' 34 no.9:59-60 S '59. (MIRA 12:12)

1.Glavnyy inzhener Karakubskogo rudoupravleniya. (Coal mines and mining--Explosives) (Materials handling)





GLUSKIN, L. I., Cand Tech Sci -- "Study of the technology of blastings in open-pit mining of flux limestone." Mos, 1961. (Inst of Min-Enterprise im A. A. Skochluskiy) (EL, 8-c1, 242)



NOVOZHILOV, '.G., prof.; KUCHERYAVYY, F.I., dotsent; kHODAKOVSKIY, tu.f., pornyy inzh.; GLUSKIN, L.I., pornyy inzh.

Optimum parameters of boring and blasting operations and their effect on rock breaking by blasting. Vzryv. delo no.47/4:197-204

'61. (Blasting) (Boring)

(KirkA 15:2)

NOVOZHILOV, M.G., prof., doktor tekhn. nauk; SELYANIN, V.G.; TARTAKOVSKIY, B.N.; Prinimali uchastiye: PCHELKIN, G.D., inzh.; ESKIN, V.S., inzh.; SHARKOV, A.M., kend. tekhn. nauk; BORISYUK, R.F., inzh.; ABDUFATTAKHOV, A.A., inzh.; ANDRIYENKO, A.F., inzh.; KTITO.CV, P.M., inzh.; GLUSKIN, L.I., inzh.; LEVCHENKO, N.K., inzh.; GAVRILYUK, I.I., inzh.; SHFEKTOROV, Yu.Z., inzh.; KOCHERGA, E.T., red.; GORKAVENKO, L.I., tekhn. red.

[New technical methods and equipment in open-pit mining of mineral deposits] Novaia tekhnologiia otkrytoi razrabotki nestorozhdenii poleznykh iskopaerykh. Pod obshchei red. M.G.Novozhilova. Kiev, Gos.izd-vo tekhn. lit-ry USSR, 1961. 205 p. (MILA 15:5)

(Strip mining)

NOVOZHILOV, M.G., prof.; KUCHERYAVYY, F.I., dotsent; ZHGBAKGVSKIY, Yu.F., inzh.; GLUSKIN, L.I.

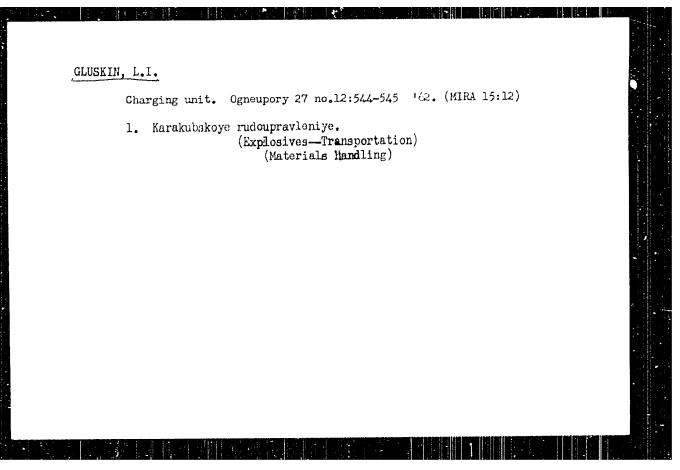
Ways of increasing the efficiency of boring and blasting in the Karakubskiy pits. Gor. zhur. no.7:36-38 J1 61.

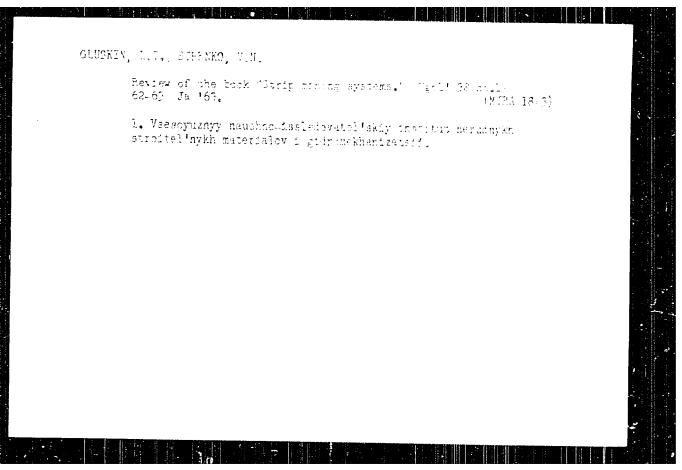
(MIRA 15:2)

1. Dnepropetrovskiy gornyy institut (for Novozhilov, Kucheryavyy, Khodakovskiy). 2. Glavnyy inzh. Karakubskogo rudoupravleniya (for Gluskin).

(Komsomol'skoye region(Denetsk Province)—Boring)

(Blasting)





GLUSKIN, L.I., kand. tekhn. nauk; KOZHEVNIKOV, A.A., inzh.

Basic trends in increasing the efficiency of boring and blasting operations in open-pit mines. Varyv. delo no.51/8:231-239 '63.

(MIRA 16:6)

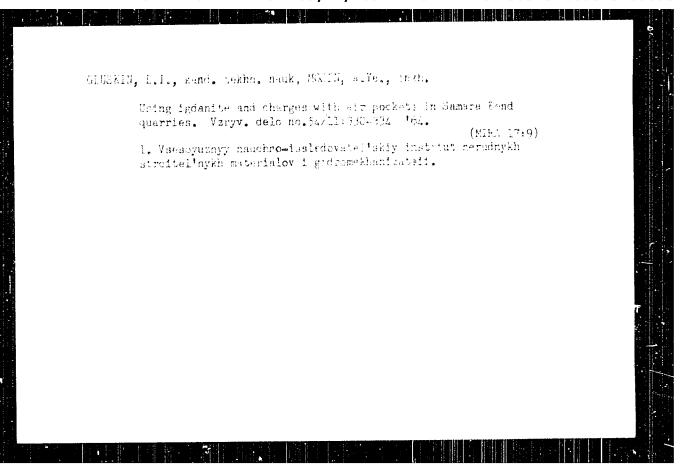
1. Vsesoyuznyy nauchno-issledovatel'skiy institut nerudnoy promyshlennosti.

(Strip mining) (Boring) (Blasting)

GLUSKIN, L.I., kand. tekhn. nauk; KORSAKOV, P.F., gornyy inzhener, KOZHEVNIKOV, A.A., gornyy inzhener

Studying the efficiency of blasting small diameter, inclined borehole charges in gneissic granite. Vzryv. delo no.54/ll: 137-145 64. (MIRA 17:9)

1. Vsescyuznyy nauchno-issledovatel'skiy institut nerudnykh stroitel'nykh materialov i gidromekhanizatsii.



TARTAKOVSKIY, B.N., kand. tekhn. nauk; GLUSKIN, L.E., kand. lekhr. rauk; GAVRILYUK, I.I., inzh.; CHETVERIK, M.S., inzh.

Graphoanalytical method of investigating the regime stripping operations. Sbor. trud. VNIINerud no.4.33-41 (65. (Right 18:11))

GLUSKIN, L. M.

USSR/Mathematics

Card

: 1/1

Authors

Gluskir, L. M.

Title

: Associate system of square matrices

Periodical

: Dokl. AN SSSR, 97, Ed. 1, 17 - 20, July 1954

Abstract

A set G_n that embraces all the square matrices of the n - order, over a field P, is defined. The interior characteristics of the G_n system are demonstrated and the conditions for its homeomorphism (first examined in 1953 by Maltsev and Sivertseva) are further expounded. One basic theorem, formulating the above conditions, six lemmas and

their proof are presented. Three references.

Institution : The G. S. Skovoroda State Pedagogical Institute of Kharkov

Presented by: Academician, A. N. Kolmogorov, April, 1954

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515430003-0

GENSLIN, L.M.

USSR/Mathematics - Abstract algebra

Card 1/1

Pub. 22 - 4/53

Authors

Gluskin, L. M.

Title

Homomorphisms of one-side simple semi-groups on to the groups

Periodical :

Dok. AN SSSR 102/4, 673-676, June 1, 1955

Abstract

A construction of the greatest common division ϕ of all homomorphisms of a one-side simple semi-group G on to the groups is described. Six

references: 1 German, 2 French and 3 USSR (1932-1953).

Institution:

The G. S. Skovoroda State Pedagogical Institute, Khar'kov

Presented by:

Academician P. S. Akeksandrov, February 17, 1955

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000515430003-0

6LUSKIN, K. 14.

USSR/ Mathematics - Simple semi-groups

Card 1/1 Pub. 22 - 1/46

Authors : Glusking, L. M.

Title : Simple semi-groups with zero

Periodical : Dok. AN SSSR 103/1, 5-8, Jul 1, 1955

A necessary and sufficient condition for the simplicity of a semi-group with zero is formulated. On the basis of this formulation, the manner in which the semi-groups are reduced with the zero to the well-known class of fully simple semi-groups in the Rees's meaning is shown. Five references:

1 USA, 2 Brit. and 2 USSR (1940-1950).

Institution: Khar'kovskiy State Pedagogical Institute imeni G. S. Skovoroda

Presented by: Academician P. S. Alexandrov, February 17, 1955

GLUSKIN, L. 111,

44-1-172

Y alternative and the second

TRANSLATION FROM: Referativnyy zhurnal, Matematika, 1957, Nr 1, p 23 (USSR)

AUTHOR:

Gluskin, L.M.

TITLE:

Semigroups of Continuous Deformation (Polugruppy

nepreryvnykh deformatsiy)

PERIODICAL:

Tr. 3-go **Vses**. matem. s"yezda, 2, Moscow, AN SSR, 1956, pp 111-112

ABSTRACT:

Bibliographic entry

Card 1/1

GLUSKIN LING

44-1-162

Translation from: Referativnyy Zhurnal, Matematika, 1957, Mr 1, p. 21 (USSR)

ALFITHOR:

Gluskin, L. M.

TPLE:

Continuation of Homomorphisms of Semigroups (Prodolpheniye

gonomogfizmov polugrupp)

PERIODICAL: Uch. zep. Khar'kovek. gos. ped. in-ta, 1956, 18, pp. 33-39.

ABSTRACT:

A description is given of a series of conditions sufficient for the continuation of an erbitrary homomorphism ${\mathscr S}$ of a two-sided ideal A (or of a subsemigroup representing a group) of a semigroup G up to some homomorphism of a total semigroup G into some supersemigroup of a semigroup $\mathcal{G}(A)$. For example, continuation exists if the ideal A is of unit value. In the case where A represents a group, continuation exists if the semigroup C is commutative. In addition, the relationship between normal subsystems of an arbitrary semigroup and normal subsystems of some of its two-sided ideals is investigated.

Card 1/1

Ye. S. Lyapin.

ILLUSKIN, L. 21

44-1-163

Translation from: Referativnyy Zhurnal, Matematika, 1957, Nr 1, p. 21 (USSR)

AUTHOR:

Gluskin, L. M.

TITLE:

Totally Simple Semigroups (Vpolne prostyye polugruppy)

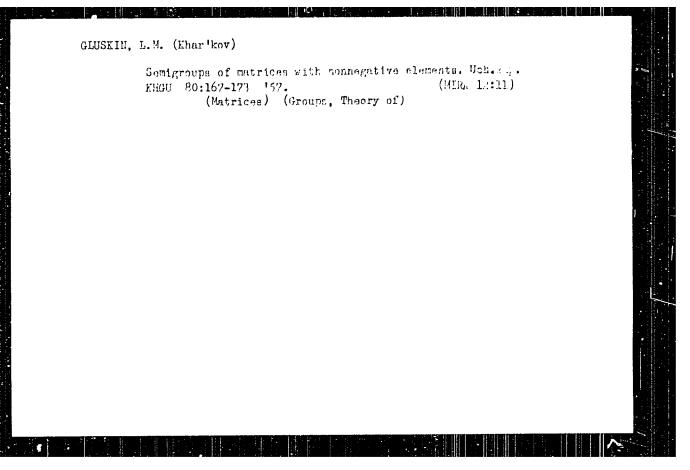
PERIODICAL: Uch. zap. Khar'kovsk. gos. ped. in-ta, 1956, 18, rp. 41-55

ABSTRACT:

Let S be a totally simple semigroup in the sense of Rees (Rees, D., Proc. Cambridge Philos. Soc., 1940, 36, Nr 4, pp. 387-400). It is proved that any homomorphic image of semigroup S is at the same time a totally simple semigroup. It is shown that any homomorphism of semigroup S is a composition of three rather simply determinable homomorphisms. The construction of closed normal subsets, which are complete inverse images of idempotents at arbitrary homomorphisms, is described. In particular, normal subsystems of semigroup S are studied. In addition, homomorphisms of

semigroup S are investigated by groups, as are other properties of the same semigroup in connection with its homomorphisms.

Card 1/1



SOY/38-22-3-9/9 Gluskin, L.M. On Semigroups of Matrices (O matrichnykh polugruppakh) AUTHOR: PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya matematicheskaya,1958, Vol 22, Nr 3, pp 439-448 (USSR) Let F be a ring, the multiplicative semigroup $\mathbf{M}_{\underline{\mathbf{y}}}$ of which is the union of a group with the zero element of $M_{\tilde{F}}^{-}$. The author ABSTRACT: characterizes the semigroup $G_{n}^{n}\left(F\right)$ of all quadratic matrices over F by their sub-semigroup G_n^1 (F) which consists of all matrices of rank \leq 1. It is shown that G_n^1 (F) is completely simple. A theorem concerning the isomorphisms of the semigroups G_n^r (F) is proved (G_n^r (F) denotes the semigroup of all qua-... dratic matrices of order n with elements of F of rank $\langle r \rangle$. There are 10 references, 7 of which are Soviet, 1 English, 1 German, and 1 French. card 1/2

On Semigroups of Matrices

SOV/38-22-3-9/9

PRESENTED: by P.S. Aleksandrov, Academician

SUBMITTED: March 12, 1957

1. Matrix algebra -- Theory

Card 2/2

USCOMM-DC-60229

27 4 6 5 1 S

SUBJECT USSR/MATHEMATICS/Algebra

CARD 1/1 **PG** - 730

AUTHOR GLUSKIN L M.

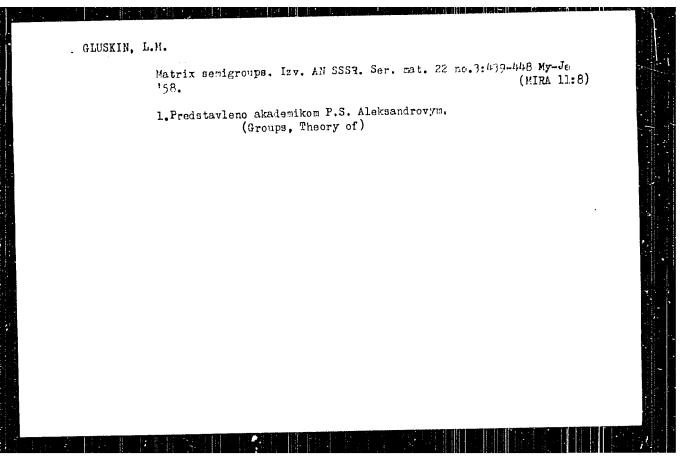
TITLE Elementary generalized groups.

PERIODICAL Mat.Sbornik, n. Ser. 41, 1, 23-36 (1957)

reviewed 5/1957

The set G is a semigroup if a unique binery associative operation is defined in it. An element u of G is called invertible in the generalized sense if there exists an element vf G such that uvi = u, vuv = v (v is, in the generalized sense, the inverse element). G is called a generalized group if to each of its elements there exists a generalized inverse element and if two arbitrary ones of its idemportants are commutative. Let H = H(u,v) be a subsemigroup of a generalized group G, generated by the elements u and v. For the consideration of the generalized group these semigroups H (so-called elementary generalized groups) play the same part as cyclic groups for the consideration of ordinary groups. It is shown that every element x of H can be represented in the form $x = v^k u^k v^m$ ($1 \ge k \ge 0$, $1 \ge m \ge 0$, $1 \ge 0$). It is proved that every elementary generalized group is characterized by at most three relations of a certain form and that it can be given by six integral parameters. The homomorphisms and automorphisms of an arbitrary elementary generalized group are enumerated. Some special elementary generalized groups are investigated in detail.

INSTITUTION: Charkey



16(1)AUTHORS:

Gluskin, L.M., and Lyapin, Ye.S.

507/42-14-1-26/27

TITLE:

Anton Kazimirovich Sushkevich (to his 70th Birthday) (Antor.

Kazimirovich Sushkevich (k semidesyatiletiyu so dnya rozhdeniya)) PERIODICAL: Uspekhi matematicheskikh nauk, 1959, Vol. 44, Nr. 1, pp. 255-2e0(USSR)

ABSTRACT:

This is a short appreciation of the merits and a career of life of A.K.Sushkevich, Professor of the Kharckev University He studied in Barlin from 1906-1911, 1915 he forwaked his stidie: as the Petersburg University, 1917 degree of Magister of Khar kov, 1926 - degree of Dootor of Khar kov. Since 1920 he was Professor in Voronezh, since 1929 Frofessor in Knar kov. Main domain of work Quasigroups, semigroups. The investigations were continued by N.N. Vorebeyev, V.V. Vagner, A.I. Mai there 1.5. Ponizovskiy, Ye.A. Khalezov, and others. The list of pitlications contains 71 papers (1992-1957). There is a photo if Suchapiro

Card 1/1

16(1)

Gluskin, L.M. AUTHOR:

SOV/38-23-6-4/11

TITLE:

Semigroups and Rings of Endomorphisms of Linear Spaces

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya matematicheskaya, 1950,

Vol 23, Nr 6, pp 841 - 870 (USSR)

ABSTRACT:

The present paper contains a detailed representation of the results already announced in / Ref 13 / concerning semigroups and rings of linear transformations and some classes of abstract rings. The paper consists of 6 paragraphs with 57

lemmata and theorems.

There are 13 references, 7 of which are Soviet, 5 American,

and 1 English.

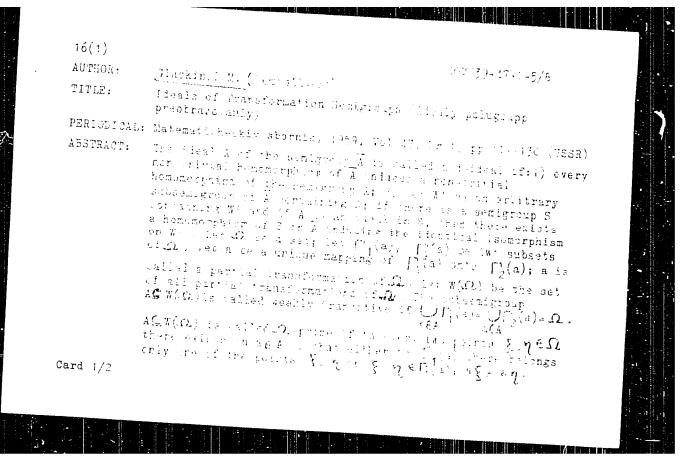
PRESENTED:

by A.I. Mal'tsev, Academician

SUBMITTED:

April 7, 1959

Card 1/1



Ideals of Transformation Comignosis

Principal theorems Reary Weakl, transitive 1 - principal subsemigroup A of the samigroup W(M) of all partial braneformations of the set A is its isobsemigroup.

The paper contains some further results which partly overlap with theorems due to lyapin [Ref 1, 1] and partly they give a further development of overlap of Lyapin. The points of confert of the author and typin result from the fact that the definition of the definition of the definition of the definition of the densely intedded ideals of Lyapin [Ref 1, 2].

Then are to reference, not which are Third, S are clean, I English, German and Franch.

SUBMITTEL: 18. 4, 17.

15(1)

AUTHÓR: Fluskin, L.M. (Voroshilovsk

507/39-49-1-2,5

TITLE:

Semi-roup of Homeomorphic Mappings of a Line Segment

PERIODICAL: Matematicheskiy sbornik, 1959, Vol 49, Nr 1, pp 18-28 (USSR

ABSTRACT:

Let S be the set of all continuous strongly monotone functions $f(\xi)$ defined on $\mathbb{R} = [0,1]$ and for which $0 \le f(\xi) \le 1$. Since a semigroup with respect to the superposition of the functions: $f \cdot g = fg = f[g(\xi)]$. The author investigates the semigroup S, considers the divisibility in S, and determines the one- and two-sided ideals. He gives two non-isomorphic subsemigroups of S having no non-trivial homomorphisms. The group of automorphisms of S is not determined. The topology of S is investigated. The author proves the existence of a finite base and gaves basecigroups dense in S which are related with S with respect to their

alsebraic and topological properties.

There are 14 references, 7 of which are Soviet, 4 American,

1 English, and 2 Polish.

SUBMITTED: November 14, 1957

dard 1/1

307/20-125-4-2/74 16(1) Semigroups of Topological Mappings (Polugruppy topologicheskikh AUTHOR: TITLE: otobrazheniy) PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 4, pp 699-702 (USSR) Let Ω be a bounded closed point set of the \mathbb{R}_n . Let int $\Omega \neq \emptyset$ the maximal open set in $\pmb{\Omega}$. Let $\pmb{\Omega}_{\dot{1}}$ be the components of int $\pmb{\Omega}$, APSTRACT: let I be the set of all indices i. The author considers the semigroup S of all topological mappings of Ω into themselves. Let the rank of aES be the cardinality of the set of all iEI for which a $\Omega \cap \Omega_i \neq \emptyset$. Let S_r^{β} be the set of aES for which rang a $\leqslant r$ and for which for a $\Omega \Omega_i \neq \emptyset$ there exists a closed eta-connected subset $\Omega_i \subset \Omega_i$ so that ann $\Omega_i \subset \operatorname{int} \Omega_i$. The sets $S_r^{\pmb{\beta}}$ are right ideals of S; the sets S_r^{δ} , S_1^{β} , where $\delta = \max \beta$ are two-sided A unique mapping A of the semigroup X into itself is called its right translation if for all a,b $\in X$ it holds: $a \cdot \lambda b = \lambda(ab)$. Let gard :/3

"APPROVED FOR RELEASE: 09/24/2001 CIA

CIA-RDP86-00513R000515430003-0

Semigroupe of Topological Mappings

pov/20-125-1-2/74

 $(1) \quad \exists_{n}^{\beta} = U_{\nu}L_{\nu}$

be the finest decomposition of $\mathbb{S}_r^{\pmb{\beta}}$ into pairwise disjoint left ideals; for be arbitrary elements of \mathbb{S}_r .

Theorem: A mapping $\pmb{\lambda}$ of $\mathbb{S}_{\mathbf{r}}^{\pmb{\beta}}$ into itself is its right translation then and only then if

(2) $\lambda a = af_{\nu}$, $a \in L_{\nu}$.

Let f be a homeomorphism of $oldsymbol{\Omega}$ onto itself. The marring

(3) $\psi x = fxf^{-1}, x \in S_r^{\beta}$ is an automorphism of S_r^{β}

Theorem: Every automorphism φ of S_r^β has the form $\varphi=\psi\lambda$, where ψ is of the type (3) and λ is an automorphism representing a right translation of S_r^β .

Card 2/3